



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COLUMBIA RIVER AND TRIBUTARIES ¹																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
ABERNATHY CREEK	Abernathy Creek	SSH	Marked				8									8
SYSTEM			Unmarked				0									0
			Total				8									8
		WSH	Marked							5						5
			Unmarked							0						0
			Total							5						5
ASOTIN CREEK SYSTEM	Asotin Creek	SSH	Marked							4						4
			Unmarked							0						0
			Total							4						4
COAL CREEK SYSTEM	Coal Creek	WSH	Marked							10					5	15
			Unmarked							0					0	0
			Total							10					5	15
COLUMBIA RIVER SYSTEM	Below Bonneville Dam	SSH	Marked	212	689	858	1649	659	13							4080
			Unmarked	3	8	5	32	30	4							82
			Total	215	697	863	1681	689	17							4162
		WSH	Marked							3	10	6	19	6		44
			Unmarked							0	3	0	0	0		3
			Total							3	13	6	19	6		47
	Bonneville Dam to Dalles Dam	SSH	Marked			19	91	72	8							190
			Unmarked			5	3	0	0							8
			Total			24	94	72	8							198
	The Dalles Dam to John Day Dam	SSH	Marked			3	3	8	40		56	48	16	3		177
			Unmarked			0	0	0	0		0	0	0	0		0
			Total			3	3	8	40		56	48	16	3		177



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SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
COLUMBIA RIVER SYSTEM (continued)	John Day Dam to McNary Dam	SSH	Marked	364						212	64	43	43	16	445		
			Unmarked	00						5	8	3	3	0	19		
			Total	364						217	72	46	46	16	464		
	McNary Dam to Hwy 395	SSH	Marked	311630						646	139	21	8	1458			
			Unmarked	008						3	8	0	0	19			
			Total	311638						649	147	21	8	1477			
	Hwy 395 Bridge to Priest Rapids	SSH	Marked	107	467	426	83	8	0	5	6	1102					
	Dam		Unmarked	3	3	5	3	0	3	0	5	22					
			Total	110	470	431	86	8	3	5	11	1124					
	Priest Rapids Dam to Wanapum Dam	SSH	Marked	3						3							
			Unmarked	0						0							
			Total	3						3							
	Rock Island Dam to Rocky Reach	WSH	Marked							0	0						
		Dam		Unmarked							3	3					
				Total							3	3					
		Chief Joseph Dam to Grand Coulee Dam	SSH	Marked	0						0						
				Unmarked	3						3						
			Total	3						3							
	Columbia River	SSH	Marked	319	1159	1309	1829	758	755	863	265	112	67	19	7455		
	System		Unmarked	6	11	15	41	30	15	11	21	3	3	0	156		
			Total	325	1170	1324	1870	788	770	874	286	115	70	19	7611		
		WSH	Marked							3	10	6	19	6	44		
			Unmarked							0	3	0	0	0	3		
			Total							3	13	6	19	6	47		



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
COWLITZ RIVER SYSTEM	Coweeman River	WSH	Marked									29				29
			Unmarked									7				7
			Total									36				36
	Cowlitz River	SSH	Marked	3	3	32	29	26	21							114
			Unmarked	0	0	0	0	0	0							0
			Total	3	3	32	29	26	21							114
		WSH	Marked							13	26	3	3	4	0	49
			Unmarked							0	0	0	0	3	7	10
			Total							13	26	3	3	7	7	59
	Cowlitz River above Cowlitz Falls Dam	SSH	Marked		3	3	3	12								21
			Unmarked		0	0	0	0								0
			Total		3	3	3	12								21
		WSH	Marked							7	4			3		14
			Unmarked							0	3			0		3
			Total							7	7			3		17
	Cowlitz River below Mayfield Dam	SSH	Marked	29	146	632	1219	530	231							2787
			Unmarked	6	9	24	44	56	18							157
			Total	35	155	656	1263	586	249							2944
		WSH	Marked							239	833	483	121	117	88	1881
			Unmarked							0	26	20	3	7	10	66
			Total							239	859	503	124	124	98	1947
	Cowlitz, Mayfield to Cowlitz Falls Dams	SSH	Marked		6		23	18								47
			Unmarked		0		3	0								3
			Total		6		26	18								50



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SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
COWLITZ RIVER SYSTEM (continued)	Cowlitz, Mayfield to Cowlitz Falls Dams (continued)	WSH	Marked							0						0
			Unmarked							3						3
			Total							3						3
	Green River	SSH	Marked	47		35		18								100
			Unmarked	3		6		3								12
			Total	50		41		21								112
		WSH	Marked							13	26		3		42	
			Unmarked							0	0		0		0	
			Total							13	26		3		42	
	Lacamas Creek	SSH	Marked	3												3
			Unmarked	0												0
			Total	3												3
	Tilton River	WSH	Marked							26		91	46	23	186	
			Unmarked							3		20	0	0	23	
			Total							29		111	46	23	209	
	Toutle River	SSH	Marked	0												0
			Unmarked	6												6
			Total	6												6
	Toutle River,	SSH	Marked	41		50		3		44						138
	South Fork		Unmarked	0		6		0		0						6
			Total	41		56		3		44						144
		WSH	Marked							10	0					10
			Unmarked							0	3					3
			Total							10	3					13
	Cowlitz River	SSH	Marked	32	152	752	1280	586	314							3116
	System		Unmarked	6	9	36	47	56	27							181
			Total	38	161	788	1327	642	341							3297



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SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL		
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴			
		WSH	Marked							282	889	632	173	147	88	2211		
			Unmarked							0	35	50	3	10	17	115		
			Total							282	924	682	176	157	105	2326		
ELOCHOMAN RIVER SYSTEM	Elochoman River	SSH	Marked	78						11						89		
			Unmarked	0						0						0		
			Total	78						11						89		
		WSH	Marked							24	378	214	29	645				
			Unmarked							3	3	3	0	9				
			Total							27	381	217	29	654				
GERMANY CREEK SYSTEM	Germany Creek	SSH	Marked	4												4		
			Unmarked	0												0		
			Total	4												4		
		WSH	Marked							5	0	5	5	15				
			Unmarked							0	5	0	0	5				
			Total							5	5	5	5	20				
GRADE CREEK SYSTEM	Grade Creek	SSH	Marked	11												11		
			Unmarked	0												0		
			Total	11												11		
GRANDE RONDE SYSTEM	Grande Ronde River	SSH	Marked	3						3	199	157	139	133	175	504	127	1440
			Unmarked	0						0	9	21	0	0	0	0	30	
			Total	3						3	208	178	139	133	175	504	127	1470
GRAYS RIVER SYSTEM	Grays River and West Fork	SSH	Marked							8							8	
			Unmarked							0							0	
			Total							8							8	
		WSH	Marked							7	120	13	13	153				
			Unmarked							0	0	0	0	0				
			Total							7	120	13	13	153				



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
HAMILTON CREEK SYSTEM	Hamilton Creek	WSH	Marked									21				21
			Unmarked									0				0
			Total									21				21
KALAMA RIVER SYSTEM	Kalama River	SSH	Marked				8	3								11
			Unmarked				0	0								0
			Total				8	3								11
	Kalama River above Kalama Falls Hatchery	SSH	Marked			5	3		3							11
			Unmarked			0	0		0							0
			Total			5	3		3							11
	Kalama River below Kalama Falls Hatchery	SSH	Marked	37	135	77	50	24	18							341
			Unmarked	8	0	5	0	5	8							26
			Total	45	135	82	50	29	26							367
		WSH	Marked							7	135	59	8	11	16	236
			Unmarked							3	5	3	0	5	6	22
			Total							10	140	62	8	16	22	258
KALAMA RIVER SYSTEM (continued)	Kalama River	SSH	Marked	37	135	82	61	27	21							363
	System		Unmarked	8	0	5	0	5	8							26
			Total	45	135	87	61	32	29							389
		WSH	Marked							7	135	59	8	11	16	236
			Unmarked							3	5	3	0	5	6	22
			Total							10	140	62	8	16	22	258
KLICKITAT RIVER SYSTEM	Klickitat River	SSH	Marked		37	17	140	133	218	99		3			3	650
			Unmarked		0	0	3	3	3	3		0			0	12
			Total		37	17	143	136	221	102		3			3	662



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
LEWIS RIVER SYSTEM	Cedar Creek	SSH	Marked	3					8							11	
			Unmarked	0					0							0	
			Total	3					8							11	
		WSH	Marked							4		18				22	
			Unmarked							0		0				0	
			Total							4		18				22	
	Lewis River	SSH	Marked	8	50	121	146	118	14							457	
			Unmarked	0	5	3	5	3	0							16	
			Total	8	55	124	151	121	14							473	
		WSH	Marked							11	21	4		4	4	44	
			Unmarked							0	4	10		3	0	17	
			Total							11	25	14		7	4	61	
	Lewis River,	SSH	Marked	85	94	61	22	6	58							326	
	East Fork		Unmarked	0	0	0	0	0	5							5	
			Total	85	94	61	22	6	63							331	
		WSH	Marked							11	135	287	46	36	39	554	
			Unmarked							0	4	11	0	0	4	19	
			Total							11	139	298	46	36	43	573	
	Lewis River, North Fork	SSH	Marked	11	30	110	83	41	36							311	
			Unmarked	0	0	8	11	3	0							22	
			Total	11	30	118	94	44	36							333	
		WSH	Marked							28	85	46	14	7	14	194	
			Unmarked								0	4	0	0	0	0	4
			Total								28	89	46	14	7	14	198



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
LEWIS RIVER SYSTEM (continued)	Lewis River	SSH	Marked	107	174	292	251	165	116							1105
	System		Unmarked	0	5	11	16	6	5							43
			Total	107	179	303	267	171	121							1148
		WSH	Marked							54	241	355	60	47	57	814
			Unmarked							0	12	21	0	3	4	40
			Total							54	253	376	60	50	61	854
LITTLE WHITE	Drano Lake	SSH	Marked	3												3
SALMON RIVER			Unmarked	0												0
SYSTEM			Total	3												3
	Little White	SSH	Marked	138 1035 1573 162						10	3	7				2928
	Salmon River		Unmarked	7 13 10 0						0	0	0				30
			Total	145 1048 1583 162						10	3	7				2958
	Little White Salmon River System	SSH	Marked	138 1038 1573 162						10	3	7				2931
			Unmarked	7 13 10 0						0	0	0				30
			Total	145 1051 1583 162						10	3	7				2961
MILL CREEK SYSTEM		SSH	Marked	4												4
	Mill Creek		Unmarked	0												0
			Total	4												4
SALMON CREEK SYSTEM	Salmon Creek (Clark Co.)	WSH	Marked							7	64	71	11			153
			Unmarked							0	0	0	0			0
			Total							7	64	71	11			153
SKAMOKAWA CREEK SYSTEM	Skamokawa	WSH	Marked							26	10	10	0			46
	Creek		Unmarked							0	16	0	5			21
			Total							26	26	10	5			67
SNAKE RIVER	Below Ice Harbor	SSH	Marked							18	22	4				44



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
MAINSTEM SYSTEM	Dam		Unmarked							0	4	0				4
			Total							18	26	4				48
	Ice Harbor Dam to Lwr Monumental Dam	SSH	Marked	15158						340	373	15	26	7	934	
			Unmarked	04						11	4	0	0	0	19	
			Total	15162						351	377	15	26	7	953	
	Lwr Monumental Dam to Little Goose Dam	SSH	Marked	77779						513	225	173	177	63	2007	
			Unmarked	419						11	0	19	15	0	68	
			Total	81798						524	225	192	192	63	2075	
	Little Goose Dam to Lower Granite Dam	SSH	Marked	4110						166	103	44	74	18	519	
	Unmarked		04						4	0	0	4	0	12		
Total	4114						170	103	44	78	18	531				
SNAKE RIVER SYSTEM (continued)	Lower Granite	SSH	Marked	37543						524	110	70	48	26	1358	
	Dam to Clarkston		Unmarked	022						11	4	4	0	0	41	
			Total	37565						535	114	74	48	26	1399	
	Snake River	SSH	Marked	77116						1082	295	88	19	2614		
	above Clarkston		Unmarked	0018						11	0	4	7	40		
			Total	771134						1093	295	92	26	2654		
	Snake River above Lower Granite Dam		Marked							4						4
		SSH	Unmarked							0						0
			Total							4						4
	Snake River	SSH	Marked	71402706						2643	1128	398	344	114	7480	
	System		Unmarked	0467						48	12	27	26	0	184	



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Total	71442773						2691	1140	425	370	114	7664	
TUCANNON RIVER	Tucannon River	SSH	Marked	0074						29	44	42	38	19	246	
SYSTEM			Unmarked	3315						13	10	0	0	0	44	
			Total	3389						42	54	42	38	19	290	
WALLA WALLA RIVER	Mill Creek (Walla Walla Co.)	SSH	Marked	3						103						16
SYSTEM			Unmarked	0						00						0
			Total	3						103						16
	Touchet River & North Fork	SSH	Marked	3						3161613						51
			Unmarked	0						0000						0
			Total	3						3161613						151
	Walla Walla River	SSH	Marked	81						73	29	57	26	16	282	
			Unmarked	0						0	0	0	0	0	0	
			Total	81						73	29	57	26	16	282	
	Walla Walla River	SSH	Marked	87						73	29	70	42	35	13	349
	System		Unmarked	0						0	0	0	0	0	0	0
			Total	87						73	29	70	42	35	13	349
WASHOUGAL RIVER SYSTEM	Washougal River	SSH	Marked	6	19	8	2	2							37	
			Unmarked	0	0	0	0	0							0	
			Total	6	19	8	2	2							37	
		WSH	Marked							2	16	47	17	6	8	96
			Unmarked							0	0	0	2	0	0	2
			Total							2	16	47	19	6	8	98
WASHOUGAL RIVER SYSTEM	Washougal River, West Fork	SSH	Marked	25232												14
			Unmarked	00000												0
			Total	25232												14
	Washougal River,	WSH	Marked							2	6					



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
	West Fork (cont.)		Unmarked							0	0				0	
			Total							2	6				8	
	Washougal River, Little	SSH	Marked	5523												15
			Unmarked	0000												0
			Total	5523												15
		WSH	Marked							42				6		
			Unmarked							00				0		
			Total							42				6		
	Washougal River	SSH	Marked	6	21	18	9	7	5							66
	System		Unmarked	0	0	0	0	0	0							0
			Total	6	21	18	9	7	5							66
		WSH	Marked							4	16	57	19	6	8	110
			Unmarked							0	0	0	2	0	0	2
			Total							4	16	57	21	6	8	112
WENATCHEE RIVER	Wenatchee River	SSH	Marked	4						4				4	12	
SYSTEM			Unmarked	0						0				4	4	
			Total	4						4				8	16	
WHITE SALMON RIVER SYSTEM	Big White Salmon	SSH	Marked	6		100	356	514	79	15		26	3	3	3	1105
	River		Unmarked	0		0	9	9	0	0		0	0	0	0	18
			Total	6		100	365	523	79	15		26	3	3	3	1123
WIND RIVER	Wind River	SSH	Marked	5												5
SYSTEM			Unmarked	0												0
			Total	5												5
	Wind River above Shipherd Falls	SSH	Marked	5			5	5			5					20
			Unmarked	0			0	0			0					0
			Total	5			5	5			5					20



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				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
	Wind River below Shipherd Falls	SSH	Marked	5	16	317	273	39							650	
			Unmarked	0	0	27	33	5							65	
			Total	5	16	344	306	44							715	
	Wind River System	SSH	Marked	10	21	322	278	39	5						675	
			Unmarked	0	0	27	33	5	0						65	
			Total	10	21	349	311	44	5						740	
YAKIMA RIVER SYSTEM	Bumping River	SSH	Marked	4					4						8	
			Unmarked	0					0						0	
			Total	4					4						8	
YAKIMA RIVER SYSTEM (continued)	Tieton River	SSH	Marked						4					4		
			Unmarked						0					0		
			Total						4					4		
	Yakima River	SSH	Marked	4					4	4					12	
	System		Unmarked	0					0	0					0	
			Total	4					4	4					12	
COLUMBIA RIVER AND TRIBUTARY SYSTEMS TOTALS		SSH	Marked	507	1867	2740	5308	4185	4798	3883	1627	795	673	698	146	27227
			Unmarked	20	28	74	159	159	154	96	43	30	29	4	0	796
			Total	527	1895	2814	5467	4344	4952	3979	1670	825	702	702	146	28023
		WSH	Marked							407	1765	1550	337	235	174	4468
			Unmarked							6	74	82	10	18	27	217
			Total							413	1839	1632	347	253	201	4685



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COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
CEDAR CREEK SYSTEM*	Cedar Creek	SSH	Marked						2							2
			Unmarked						0							0
			Total						2							2
CHEHALIS RIVER	Chehalis River above Black River	SSH	Marked			2		2	0							4
SYSTEM*			Unmarked			0		0	2							2
			Total			2		2	2							6
		WSH	Marked								2	7	10	12	5	36
			Unmarked								0	0	0	0	0	0
			Total								2	7	10	12	5	36
	Chehalis River below Black River	SSH	Marked				2	2								4
			Unmarked				0	0								0
			Total				2	2								4
		WSH	Marked							7	2	45	32	40		126
			Unmarked							0	0	0	5	42		47
			Total							7	2	45	37	82		173
	Newaukum River	WSH	Marked									2	15	60		77
	& North Fork		Unmarked									0	0	27		27
			Total									2	15	87		104
	Satsop River,	SSH	Marked						2							2
	Middle & East Fk		Unmarked						0							0
			Total						2							2
		WSH	Marked									7	20	13		40
			Unmarked									0	2	2		4
			Total									7	22	15		44
	Satsop River	WSH	Marked										2			2
	West Fork		Unmarked										0			0



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
			Total							2						2	
	Skookumchuck	WSH	Marked							5458052						182	
	River		Unmarked							001010						20	
			Total							5459062						202	
	Van Winkle Creek	WSH	Marked							7	5					12	
			Unmarked							0	0					0	
			Total							7	5					12	
	Wishkah River	SSH	Marked	4												4	
			Unmarked	0												0	
			Total	4												4	
CHEHALIS RIVER SYSTEM (continued)	Wishkah River (continued)	WSH	Marked							27517						49	
			Unmarked							000						0	
			Total							27517						49	
	Wynoochee River	SSH	Marked	142116865466												464	
			Unmarked	20020												4	
			Total	144116865666												468	
		WSH	Marked							20252042292952							775
			Unmarked							025020							9
			Total							20272092292972							784
	Chehalis River	SSH	Marked	142118886268												478	
	System		Unmarked	20022												6	
			Total	144118886470												484	
		WSH	Marked							342930235851759							1299
			Unmarked							02578310							107
			Total							343130726560069							1406
ELK RIVER	Elk River	WSH	Marked							63						9	
SYSTEM*			Unmarked							00						0	



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
			Total							6 3						9	
GOODMAN CREEK	Goodman Creek	WSH	Marked							3 42 48 12						105	
SYSTEM*			Unmarked							0 6 6 18						30	
			Total							3 48 54 30						135	
HOH RIVER SYSTEM*	Hoh River	SSH	Marked	9												9	
			Unmarked	0												0	
			Total	9												9	
		WSH	Marked							3 3 3 3 0						12	
			Unmarked							0 0 0 0 9						9	
			Total							3 3 3 3 9						21	
	Hoh River above Hwy. 101	SSH	Marked	4 30 17 9												60	
			Unmarked	0 0 0 0												0	
			Total	4 30 17 9												60	
		WSH	Marked							3 53 22 3 3						84	
			Unmarked							0 3 3 13 3						22	
			Total							3 56 25 16 6						106	
	HOH RIVER	Hoh River below Hwy. 101	SSH	Marked	4 0 73 47 34												158
				Unmarked	9 4 0 0 9												22
				Total	13 4 73 47 43												180
		Hoh River below Hwy. 101 (cont.)	WSH	Marked							16 158 69 100 66						409
SYSTEM (continued)			Unmarked							3 48 47 128 159						385	
			Total							19 206 116 228 225						794	
	Hoh River System	SSH	Marked	8 9 103 64 49												227	
			Unmarked	9 4 0 0 9												22	
			Total	17 13 103 64 52												249	
		WSH	Marked							3 19 214 94 106 69						505	



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Unmarked							0	3	51	50	141	171	416
			Total							3	22	265	144	247	240	921
HOQUIAM RIVER	Hoquiam River	WSH	Marked									12	12			24
SYSTEM*			Unmarked									0	0			0
			Total									12	12			24
HUMPTULIPS RIVER SYSTEM*	Humptulips River	SSH	Marked		30	17	4	4	4							59
			Unmarked		0	0	0	0	0							0
			Total		30	17	4	4	4							59
		WSH	Marked							14	35	47	5			101
			Unmarked							0	0	0	0			0
			Total							14	35	47	5			101
	Humptulips River	WSH	Marked						2							2
	East Fork		Unmarked						0							0
			Total						2							2
	Humptulips River	WSH	Marked											0		0
	West Fork		Unmarked											1		1
			Total											1		1
	Stevens Creek	SSH	Marked			2										2
			Unmarked			0										0
			Total			2										2
		WSH	Marked							4	32	14	8			58
			Unmarked							1	0	1	0			2
			Total							5	32	15	8			60
	Humptulips River	SSH	Marked		30	19	4	4	6							63
	System		Unmarked		0	0	0	0	0							0
			Total		30	19	4	4	6							63
		WSH	Marked							18	67	61	13	0		159



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
			Unmarked							1	0	1	0	1		3	
			Total							19	67	62	13	1		162	
JOHNS RIVER	Johns River	WSH	Marked								3	3	3			9	
SYSTEM*			Unmarked								0	0	0			0	
			Total								3	3	3			9	
KALALOCH CREEK	Kalaloch Creek	WSH	Marked							0						0	
SYSTEM*			Unmarked							3						3	
			Total							3						3	
MOSQUITO RIVER SYSTEM*	Mosquito Creek	WSH	Marked							12						12	24
			Unmarked							0						6	6
			Total							12						18	30
NASELLE RIVER	Naselle River	SSH	Marked							2							2
SYSTEM			Unmarked							0							0
			Total							2							2
		WSH	Marked								21	18	6	6		51	
			Unmarked								0	0	0	0		0	
			Total								21	18	6	6		51	
	Salmon Creek (Pacific Co.)	SSH	Marked							0							0
			Unmarked							2							2
			Total							2							2
		WSH	Marked								3	3					6
			Unmarked								0	0					0
			Total								3	3					6
	Naselle River System	SSH	Marked							2							2
			Unmarked							2							2
			Total							4							4



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
		WSH	Marked							242166						57
			Unmarked							0000						0
			Total							242166						57
NEMAH RIVER	Nemah River	SSH	Marked	2												2
SYSTEM			Unmarked	0												0
			Total	2												2
		WSH	Marked							91233						27
			Unmarked							0000						0
			Total							91233						27
	Williams Creek	WSH	Marked							3						3
			Unmarked							0						0
			Total							3						3
NEMAH RIVER SYSTEM (continued)	Nemah River System	SSH	Marked	2												2
			Unmarked	0												0
			Total	2												2
		WSH	Marked							121233						30
			Unmarked							0000						0
			Total							121233						30
NORTH RIVER	North River	SSH	Marked	55												10
SYSTEM			Unmarked	00												0
			Total	55												10
		WSH	Marked							9912						30
			Unmarked							000						0
			Total							9912						30
	Smith Creek	WSH	Marked							2166						33
			Unmarked							000						0
			Total							2166						33



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
	North River	SSH	Marked			5	5									10
	System		Unmarked			0	0									0
			Total			5	5									10
		WSH	Marked								9	30	18	6		63
			Unmarked								0	0	0	0		0
			Total								9	30	18	6		63
OZETTE RIVER	Big River	WSH	Marked									3				3
SYSTEM*			Unmarked									0				0
			Total									3				3
	Ozette River	WSH	Marked										9	3		12
			Unmarked										3	0		3
			Total										12	3		15
	Ozette River System	WSH	Marked									3	9	3		15
			Unmarked									0	3	0		3
			Total									3	12	3		18
PALIX RIVER	Palix River	SSH	Marked						5							5
SYSTEM			Unmarked						0							0
			Total						5							5
		WSH	Marked								18	15	3			36
			Unmarked								0	3	0			3
			Total								18	18	3			39
QUEETS RIVER	Clearwater River	WSH	Marked									3	0	0	3	6
SYSTEM*			Unmarked									9	15	83	46	153
			Total									12	15	83	49	159
	Queets River	SSH	Marked						57							57
			Unmarked						0							0
			Total						57							57



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
		WSH	Marked							31	9	9		3	0	52
			Unmarked							27	6	19		12	15	79
			Total							58	15	28		15	15	131
	Salmon River (Jefferson Co.)	WSH	Marked							12	46	71	6			135
			Unmarked							6	40	49	28			123
			Total							18	86	120	34			258
	Queets River	SSH	Marked						57							57
	System		Unmarked						0							0
			Total						57							57
		WSH	Marked							43	55	83	6	3	3	193
			Unmarked							33	46	77	43	95	61	355
			Total							76	101	160	49	98	64	548
QUILLAYUTE RIVER SYSTEM*	Bogachiel River	SSH	Marked		7			4	11							22
			Unmarked		0			0	0							0
			Total		7			4	11							22
		WSH	Marked							153	711	404	34	37	17	1356
			Unmarked							7	43	90	33	160	86	419
			Total							160	754	494	67	197	103	1775
	Calawah River, and South Fork	SSH	Marked		45	19	22	22	52							160
			Unmarked		0	0	0	0	0							0
			Total		45	19	22	22	52							160
		WSH	Marked							240	450	260	23	3	3	979
			Unmarked							0	7	27	10	70	27	141
			Total							240	457	287	33	73	30	1120
	Dickey River	WSH	Marked								0		0	0	0	0
			Unmarked								3		7	13	3	26
			Total								3		7	13	3	26



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COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
QUILLAYUTE RIVER SYSTEM* (continued)	Quillayute River	SSH	Marked					4	11							15
			Unmarked					0	0							0
			Total					4	11							15
	Quillayute River (continued)	WSH	Marked							7	43	33	7	7	0	97
			Unmarked							0	7	27	43	20	30	127
			Total							7	50	60	50	27	30	224
	Sol Duc River	SSH	Marked			11	7	4	37							59
			Unmarked			0	0	0	0							0
			Total			11	7	4	37							59
		WSH	Marked							30	34	120	53	33	10	280
			Unmarked							0	13	114	171	251	137	686
			Total							30	47	234	224	284	147	966
	Quillayute River	SSH	Marked		52	30	29	34	111							256
	System		Unmarked		0	0	0	0	0							0
			Total		52	30	29	34	111							256
		WSH	Marked							430	1238	817	117	80	30	2712
			Unmarked							7	70	258	264	514	283	1396
			Total							437	1308	1075	381	594	313	4108
QUINULT RIVER	Quinault River,	WSH	Marked								308	341	127	25	10	811
SYSTEM*	Lower and		Unmarked								0	3	59	166	96	324
	Cook Ck. ²		Total								308	344	186	191	106	1135
	Quinault River,	WSH	Marked							4		8	23	12		47
	Upper		Unmarked							0		0	4	81		85
			Total							4		8	27	93		132
	Quinault River	WSH	Marked							4	308	349	150	37	10	858
	System		Unmarked							0	0	3	63	247	96	409
			Total							4	308	352	213	284	106	1267



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
SUEZ (SOOES) RIVER	Sooes River	WSH	Marked								0	0				0
SYSTEM*			Unmarked								15	3				18
			Total								15	3				18
WILLAPA RIVER SYSTEM	Willapa River	SSH	Marked		8											8
			Unmarked		0											0
			Total		8											8
		WSH	Marked								32	65	12	12		121
			Unmarked								0	3	3	3		9
			Total								32	68	15	15		130
	Willapa River, South Fork	SSH	Marked			8										8
			Unmarked			0										0
			Total			8										8
	Willapa River, South Fork (cont.)	WSH	Marked								9	12	3			24
WILLAPA RIVER SYSTEM (continued)			Unmarked								0	0	0			0
			Total								9	12	3			24
	Willapa River	SSH	Marked		8	8										16
	System		Unmarked		0	0										0
			Total		8	8										16
		WSH	Marked							41	77	15	12			145
			Unmarked							0	3	3	3			9
			Total							41	80	18	15			154
MARINE CATCH AREAS	Area 1: Ledbetter Point	SSH	Marked				1		1							2
			Unmarked				0		0							0
			Total				1		1							2
		WSH	Marked							3				0		3
			Unmarked							0				2		2
			Total							3				2		5



COAST RIVERS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	1998						1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
COAST RIVERS/STREAMS, AND MARINE AREAS		SSH	Marked	240	189	230	164	297							1120	
			Unmarked	11	4	0	2	13							30	
			Total	251	193	230	166	310							1150	
		WSH	Marked							538	1883	2050	831	773	171	6246
			Unmarked							41	145	413	457	1086	621	2763
			Total							579	2028	2463	1288	1859	792	9009



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
CLALLAM RIVER	Clallam River	SSH	Marked	3												3
SYSTEM*			Unmarked	0												0
			Total	3												3
		WSH	Marked							6	31	28	12			77
			Unmarked							0	3	6	0			9
			Total							6	34	34	12			86
DAKOTA CREEK SYSTEM*	Dakota Creek	WSH	Marked							0						0
			Unmarked							3						3
			Total							3						3
DESCHUTES RIVER SYSTEM*	Deschutes River	SSH	Marked	3												3
			Unmarked	3												3
			Total	6												6
		WSH	Marked							3						3
			Unmarked							3						3
			Total							6						6
	Percival Creek	SSH	Marked	6												6
			Unmarked	0												0
			Total	6												6
	Deschutes River System	SSH	Marked	3						6						9
			Unmarked	3						0						3
			Total	6						6						12
		WSH	Marked							3						3
			Unmarked							3						3
			Total							6						6
DUCKABUSH RIVER	Duckabush River	SSH	Marked	3												3
SYSTEM*			Unmarked	0												0



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PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Total	3												3
		WSH	Marked							3						3
			Unmarked							0						0
			Total							3						3
DUNGENESS RIVER	Dungeness River	SSH	Marked	3												
SYSTEM*			Unmarked	0												
			Total	3												
		WSH	Marked							15	42	9	0		66	
			Unmarked							0	4	0	9		13	
			Total							15	46	9	9		79	
EAST TWIN RIVER	East Twin River	WSH	Marked							3	3	0				6
SYSTEM*			Unmarked							0	0	3				3
			Total							3	3	3				9
ELWHA RIVER	Elwha River	SSH	Marked	10		3	6	16							35	
SYSTEM*			Unmarked	0		0	0	0							0	
			Total	10		3	6	16							35	
		WSH	Marked							37	49	34	12			132
			Unmarked							0	0	0	0			0
			Total							37	49	34	12			132
GREEN-DUWAMISH	Green-Duwamish	SSH	Marked	15	90	116	45	142							408	
RIVER SYSTEM*	River		Unmarked	4	15	15	4	15							53	
			Total	19	105	131	49	157							461	
		WSH	Marked							139	225	146	68	30		608
			Unmarked							19	32	92	39	2		184
			Total							158	257	238	107	32		792
HOKO RIVER	Hoko River	SSH	Marked	8												8
SYSTEM*			Unmarked	0												0
			Total	8												8



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
		WSH	Marked							25	102	42	6	5		180
			Unmarked							0	9	36	22	28		95
			Total							25	111	78	28	33		275
LAKE WASHINGTON	Union Lake, Ship Canal	WSH	Marked									3				3
SYSTEM*			Unmarked									0				0
			Total									3				3
	Sammamish R.	SSH	Marked			0	3	10								13
			Unmarked			6	3	0								9
			Total			6	6	10								22
		WSH	Marked							6						6
			Unmarked							0						0
			Total							6						6
	Lake Washington System	SSH	Marked			0	3	10								13
			Unmarked			6	3	0								9
			Total			6	6	10								22
		WSH	Marked							6		3				9
			Unmarked							0		0				0
			Total							6		3				9
LITTLE QUILCENE RIVER SYSTEM*	Little Quilcene River	WSH	Marked								3	3				6
			Unmarked								0	0				0
			Total								3	3				6
LYRE RIVER	Lyre River	SSH	Marked		1	3	3	3	6							16
SYSTEM*			Unmarked		0	0	0	0	0							0
			Total		1	3	3	3	6							16
		WSH	Marked							47	202	159	7			415
			Unmarked							0	4	29	4			37



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Total							47	206	188	11			452
MILL CREEK SYSTEM*	Mill Creek (Mason Co.)	WSH	Marked								3					3
			Unmarked								0					0
			Total								3					3
MISSION CREEK SYSTEM*	Mission Creek	SSH	Marked			3										3
			Unmarked			0										0
			Total			3										3
MORSE CREEK SYSTEM*	Morse Creek	SSH	Marked						3							3
			Unmarked						0							0
			Total						3							3
		WSH	Marked							3	31	19				53
			Unmarked							0	0	0				0
			Total							3	31	19				53
NISQUALLY RIVER SYSTEM*	Nisqually River	WSH	Marked											3		3
			Unmarked											0		0
			Total											3		3
NOOKSACK RIVER SYSTEM*	Nooksack River	WSH	Marked										3			3
			Unmarked										0			0
			Total										3			3
	Nooksack River, Middle Fork	WSH	Marked								3	25				28
			Unmarked								0	0				0
			Total								3	25				28
	Nooksack River,	SSH	Marked						6							6
	North Fork		Unmarked						0							0
			Total						6							6
		WSH	Marked									16	3	3		22



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Unmarked									3	3	3		9
			Total									19	6	6		31
NOOKSACK RIVER SYSTEM (continued)	Nooksack River, Mainstem	SSH	Marked					3	3							6
			Unmarked					0	0							0
			Total					3	3							6
		WSH	Marked							0		15	9	6		30
			Unmarked							3		0	0	0		3
			Total							3		15	9	6		33
	Nooksack River	SSH	Marked					3	9							12
	System		Unmarked					0	0							0
			Total					3	9							12
		WSH	Marked							0	3	56	15	9		83
			Unmarked							3	0	3	3	3		12
			Total							3	3	59	18	12		95
PUYALLUP RIVER SYSTEM*	Carbon River	SSH	Marked			20		20								40
			Unmarked			0		0								0
			Total			20		20								40
		WSH	Marked							10	5	15				30
			Unmarked							0	0	5				5
			Total							10	5	20				35
	Puyallup River	WSH	Marked								95	139	80	40	0	354
			Unmarked								0	10	0	0	5	15
			Total								95	149	80	40	5	369
	Stuck (White) River	WSH	Marked									5	10	5		20
			Unmarked									0	5	0		5
			Total									5	15	5		25



PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
	Puyallup River System	SSH	Marked	20			20									40	
			Unmarked	0			0									0	
			Total	20			20									40	
		WSH	Marked							10	100	159	90	45	0	404	
			Unmarked							0	0	15	5	0	5	25	
			Total							10	100	174	95	45	5	429	
PYSHT RIVER	Pysht River	SSH	Marked	3												3	
SYSTEM*			Unmarked	0												0	
			Total	3												3	
		WSH	Marked							6	19	16	15			56	
			Unmarked							0	6	43	22			71	
			Total							6	25	59	37			127	
QUILCENE RIVER SYSTEM*	Quilcene River	WSH	Marked							3						3	
			Unmarked							9						9	
			Total							12						12	
SALT CREEK	Salt Creek	WSH	Marked							3			3			6	
SYSTEM*			Unmarked							0			0			0	
			Total							3			3			6	
SAMISH RIVER	Samish River	WSH	Marked							3	15	22	9	6			55
SYSTEM*			Unmarked							0	0	0	0	0			0
			Total							3	15	22	9	6			55
SEKIU RIVER	Sekiu River	WSH	Marked							3			10	3			16
SYSTEM*			Unmarked							6			9	6			21
			Total							9			19	9			37
SKAGIT RIVER SYSTEM*	Suiattle River	SSH	Marked	3												3	
			Unmarked	0												0	
			Total	3												3	



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
SKAGIT RIVER SYSTEM (continued)	Cascade River	SSH	Marked						13							13
			Unmarked						0							0
			Total						13							13
		WSH	Marked							45	49	36				130
			Unmarked							0	0	5				5
			Total							45	49	41				135
	Sauk River	SSH	Marked			7		3	0							10
			Unmarked			0		0	3							3
			Total			7		3	3							13
		WSH	Marked							8	0	4	24	0	0	36
			Unmarked							0	8	16	94	4	4	126
			Total							8	8	20	118	4	4	162
	Skagit River	SSH	Marked		13	23	7	7	34							84
			Unmarked		0	7	0	0	0							7
			Total		13	30	7	7	34							91
		WSH	Marked							8	142	159	53	33		395
			Unmarked							4	41	154	676	24		899
			Total							12	183	313	729	57		1294
	Skagit River	SSH	Marked		13	33	7	10	47							110
	System		Unmarked		0	7	0	0	3							10
			Total		13	40	7	10	50							120
	Skagit River	WSH	Marked							61	191	199	77	33	0	561
	System (cont.)		Unmarked							4	49	175	770	28	4	1030
			Total							65	240	374	847	61	4	1591
SKOKOMISH RIVER	Skokomish River South Fork and North Fork	WSH	Marked							3	3			3		9
SYSTEM*			Unmarked							0	0			3		3



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Total							3	3			6		12
SNOHOMISH RIVER SYSTEM*	Pilchuck River	WSH	Marked								13	67	29			109
			Unmarked								6	54	124			184
			Total								19	121	153			293
	Raging River	SSH	Marked						45							45
			Unmarked						4							4
			Total						49							49
		WSH	Marked							64	82	48				194
			Unmarked							3	10	0				13
			Total							67	92	48				207
	Skykomish River	SSH	Marked	15	263	766	642	506	510							2702
			Unmarked	0	15	0	15	23	8							61
			Total	15	278	766	657	529	518							2763
		WSH	Marked							490	477	606	87	35	3	1698
			Unmarked							3	29	87	132	3	3	257
			Total							493	506	693	219	38	6	1955
	Skykomish River, North Fork	SSH	Marked		4	26	15	7	34							86
			Unmarked		19	4	0	4	0							27
			Total		23	30	15	11	34							113
		WSH	Marked							35	28	48	19			130
			Unmarked							0	4	3	6			13
			Total							35	32	51	25			143
	Skykomish River, South Fork	SSH	Marked		4	4	15		8							31
			Unmarked		0	4	0		0							4
			Total		4	8	15		8							35
		WSH	Marked							3	3					6
			Unmarked							0	3					3



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
SNOHOMISH RIVER SYSTEM* (continued)			Total							3	6					9	
	Snohomish River	SSH	Marked	150		83	4	26								263	
			Unmarked	4		0	0	0								4	
			Total	154		83	4	26								267	
	Snohomish River (continued)	WSH	Marked							45	277	87	19	3	431		
			Unmarked							0	22	113	210	0	345		
			Total							45	299	200	229	3	776		
	Snoqualmie River	SSH	Marked	38		191	124	165	146							664	
			Unmarked	0		0	0	8	0							8	
			Total	38		191	124	173	146							672	
		WSH	Marked							67	331	321	67	35	821		
			Unmarked							0	25	96	79	10	210		
			Total							67	356	417	146	45	1031		
	Sultan River	SSH	Marked	4	4	8									16		
			Unmarked	0	0	0									0		
			Total	4	4	8									16		
		WSH	Marked							29		3	3	35			
			Unmarked							3		0	7	10			
			Total							32		3	10	45			
	Tokul Creek	SSH	Marked					4	0							4	
			Unmarked					0	4							4	
			Total					4	4							8	
		WSH	Marked							3	134	232	127	25	3	524	
			Unmarked							0	3	3	0	0	0	6	
			Total							3	137	235	127	25	3	530	
	Tolt River	SSH	Marked					4	4								8
			Unmarked					0	0								0



PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
			Total	4						4						8	
		WSH	Marked							10	22	19	6			57	
			Unmarked							0	0	6	10			16	
			Total							10	22	25	16			73	
	Wallace River	WSH	Marked							38	194	70	0			302	
			Unmarked							0	3	0	3			6	
			Total							38	197	70	3			308	
	Snohomish River	SSH	Marked	4	463	1074	812	678	773							3804	
	System		Unmarked	0	38	8	15	39	12							112	
			Total	4	501	1082	827	717	785							3916	
		WSH	Marked							755	1590	1501	357	98	6	4307	
			Unmarked							6	108	362	571	13	3	1063	
			Total							761	1698	1863	928	111	9	5370	
SQUALICUM CREEK SYSTEM*	Squalicum Creek	WSH	Marked							6						6	
			Unmarked							0						0	
			Total							6						6	
STILLAGUAMISH RIVER SYSTEM*	Canyon Creek	SSH	Marked	6				3	15	44							68
			Unmarked	0				0	0	3							3
			Total	6				3	15	47							71
		WSH	Marked							16	36	96	56			204	
			Unmarked							0	0	40	20			60	
			Total							16	36	136	76			264	
	Jim Creek	WSH	Marked							4						4	
			Unmarked							0						0	
			Total							4						4	
		Pilchuck Creek	SSH	Marked	3										3		
			Unmarked	0										0			



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
STILLAGUAMISH			Total	3												3	
		WSH	Marked							12						12	
			Unmarked							8						8	
			Total							20						20	
	Stillaguamish	SSH	Marked	3												3	
	River		Unmarked	0												0	
			Total	3												3	
		WSH	Marked							4		4	4			12	
			Unmarked							0		0	0			0	
			Total							4		4	4			12	
	Stillaguamish	SSH	Marked	12		56	0	6	47							121	
	River, North Fork		Unmarked	0		0	6	3	0							9	
			Total	12		56	6	9	47							130	
		WSH	Marked							76	288	132	16	0		512	
			Unmarked							0	24	36	40	8		108	
			Total							76	312	168	56	8		620	
	Stillaguamish River, South Fork	SSH	Marked	9				12		12							33
			Unmarked	0				0		3							3
			Total	9				12		15							36
		WSH	Marked							4				4			8
	Unmarked								8				0			8	
	Total								12				4			16	
	STILLAGUAMISH	Stillaguamish	SSH	Marked	3	15	65	3	33	103							222
	RIVER SYSTEM* (continued)	River System		Unmarked	0	0	0	6	3	6							15
				Total	3	15	65	9	36	109							237
			WSH	Marked							92	328	236	96	0		752
				Unmarked							0	24	84	68	8		184



PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL	
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴		
			Total							92	352	320	164	8		936	
TAHUYA RIVER SYSTEM*	Tahuya River	WSH	Marked							6						6	
			Unmarked							6						6	
			Total							12						12	
WHATCOM CREEK	Whatcom Creek	WSH	Marked							3	10	6					19
SYSTEM*			Unmarked							0	9	3					12
			Total							3	19	9					31
MARINE CATCH AREAS*	Area 5: West Juan de Fuca Strait	SSH	Marked	3												3	
			Unmarked	0												0	
			Total	3												3	
		WSH	Marked							0						0	
			Unmarked							6						6	
			Total							6						6	
	Area 6: East Juan de Fuca Strait	SSH	Marked	0												0	
			Unmarked	10												10	
			Total	10												10	
	Area 7: San Juan Islands	SSH	Marked	3												3	
			Unmarked	0												0	
			Total	3												3	
	Area 8: Skagit Bay-Port Susan	SSH	Marked	3												3	
			Unmarked	0												0	
			Total	3												3	
	Area 9: Admiralty Inlet	SSH	Marked	6												6	
			Unmarked	0												0	



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																					
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL					
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴						
MARINE CATCH			Total	6												6					
		WSH	Marked							25	88	38	13	7	6	177					
			Unmarked							6	0	6	0	6	0	18					
			Total							31	88	44	13	13	6	195					
	Area 10: North Puget Sound	WSH	Marked							0						0					
			Unmarked							6						6					
			Total							6						6					
	Area 11: Puget Sound, Middle	SSH	Marked	6												6					
	AREAS* (continued)				10												10				
					Total						16						16				
				WSH						6						6					
										0						0					
				Total						6						6					
				Area 13: South Puget Sound						3						0	3				
										0						3	3				
				Total						3						3	6				
				Marine Catch						3						3	0	24			
				Areas						10						0	10	0	3	23	
										13						3	25	3	3	47	
				WSH						25						88	44	13	7	6	183
										6						0	6	6	12	0	30
				Total						31						88	50	19	19	6	213
PUGET SOUND, STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS		SSH	Marked	22	520	1303	962	825	1108							4740					
			Unmarked	0	52	39	49	46	39							225					
			Total	22	572	1342	1011	871	1147							4965					
		WSH	Marked							1221	3023	2728	804	242	12	8030					



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																
SYSTEM	CATCH AREA	RACE	MARKED/ UNMARKED	Summer 1998						Winter 1999						TOTAL
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
			Unmarked							38	262	867	1528	98	20	2813
			Total							1259	3285	3595	2332	340	32	10843



Sport Angler Harvest of Hatchery and Wild Steelhead Trout - 1998-99

STATEWIDE STEELHEAD HARVEST SUMMARY, 1998-1999

SYSTEM	RUN TYPE	MARKED/ UNMARKED	1998						1999						TOTAL
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR ⁴	
NON-BOLDT CASE AREAS	SSH	Marked	507	1875	2753	5314	4185	4808	3883	1627	795	673	698	146	27264
		Unmarked	20	28	74	159	159	156	96	43	30	29	4	0	798
		Total	527	1903	2827	5473	4344	4964	3979	1670	825	702	702	146	28062
	WSH	Marked							417	1872	1713	385	262	174	4823
		Unmarked							6	74	88	13	23	27	231
		Total							423	1946	1801	398	285	201	5054
BOLDT CASE AREAS*	SSH	Marked	22	752	1479	1186	989	1395							5823
		Unmarked	0	63	43	49	48	50							253
		Total	22	815	1522	1235	1037	1445							6076
	WSH	Marked							1749	4799	4615	1587	988	183	13921
		Unmarked							79	407	1274	1982	1179	641	5562
		Total							1828	5206	5889	3569	2167	824	19483
TOTAL	SSH	Marked	529	2627	4232	6500	5174	6208	3883	1627	795	673	698	146	33092
		Unmarked	20	91	117	208	207	206	96	43	30	29	4	0	1051
		Total	549	2718	4349	6708	5381	6410	3979	1670	825	702	702	146	34139
	WSH	Marked							2166	6671	6328	1972	1250	357	18744
		Unmarked							85	481	1362	1995	1202	668	5793
		Total							2251	7152	7690	3967	2452	1025	24537
TOTAL RIVERS ³			14	42	55	59	58	77	76	100	118	102	70	32	803

* Boldt case area river/stream system (Western Washington only).

¹ The majority of the Columbia River System steelhead are summer-runs.

² Winter steelhead catches are from angler surveys conducted by the Quinault Indian Nation.

³ Total number of rivers where steelhead were harvested during that month.

⁴ April 1999 harvests may be incomplete because a new license system went into effect on April 1 and anglers were issued new 1999-2000 CRC. Although anglers were required to record their April harvests on their old 1998-1999 CRC, they may actually have recorded them on the 1999-2000 card. Thus, some portions of the April harvests may not be documented until the 1999-2000 CRC are analyzed.



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
*Chehalis River															
Chehalis Tribe	0	0	0	0	0	0		0	0	49	49	51	0	0	149
Quinault Tribe	0	0	0	0	28	115		0	40	147	36	9	0	143	232
*Copalis River Quinault Tribe	0	0	0	0	0	0		3	1	0	0	0	0	0	4
*Clallam River															
Lower Elwah Tribe	0	0	0	0	0	0		0	0	3	0	0	0	0	3
*Elwha River															
Lower Elwha Tribe	0	0	0	0	43	17		0	416	154	25	0	0	60	595
Jamestown-S'Klallam Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Green River (inc. M. A. 10A)															
Muckleshoot Tribe	0	104	0	0	14	18		150	441	357	35	13	0	136	996
Suquamish Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Hoh River															
Hoh Tribe	13	0	1	0	1	8		0	1461	1521	310	384	0	23	3676
Quileute Tribe	0	0	0	0	4	1		0	0	0	0	0	0	5	0



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
Quinault Tribe	0	0	0	0	0	0		0	31	0	0	0	0	0	31
*Hoko River															
Makah Tribe	0	0	0	0	0	0		0	446	0	0	0	0	0	446
*Hoquiam River															
Quinault Tribe	0	0	0	0	0	0		1	0	0	0	0	0	0	1
*Humptulips River															
Quinault Tribe	0	0	0	0	12	28		0	69	64	19	0	0	40	152
*Kalaloch Creek															
Hoh Tribe	0	0	0	0	0	0		0	0	100	0	0	0	0	100
Klickitat River															
Yakama Tribe	7	0	3	8	161	80		0	0	0	0	0	0	259	0
*Lyre River															
Lower Elwah Tribe	0	0	0	0	0	0		0	0	1	0	0	0	0	1
*Moclips River															
Quinault Tribe	0	0	0	0	0	0		4	1	0	0	0	0	0	5
*Nisqually River															
Nisqually Tribe	0	0	0	0	0	0		0	12	16	0	0	0	0	28



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
*McAllister Creek															
Nisqually Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Nooksack River															
Lummi Tribe	0	0	0	0	0	0		0	5	0	0	0	0	0	5
Nooksack Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Puyallup River															
Puyallup Tribe	0	0	0	0	1	0		0	68	15	0	0	0	1	83
*White River															
Muckleshoot Tribe	0	0	0	0	0	0		0	8	8	10	5	0	0	31
*Pysht River															
Lower Elwha Tribe	0	0	0	0	0	0		0	0	23	5	0	0	0	28
Makah Tribe	0	0	0	0	0	1		0	0	0	0	0	0	1	0
*Queets River															
Quinalt Tribe	2	1	2	4	18	29		232	2944	1333	660	603	251	56	6023
*Quillayute River															
Quileute Tribe	147	11	18	62	82	89		291	4085	1346	1132	775	72	409	7701
Quinalt Tribe	0	0	0	0	0	0		0	0	0	0	2	0	0	2



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
*Quinault River															
Quinault Tribe	415	121	77	17	44	256		1762	6857	3260	425	204	406	930	12914
*Sekiu River															
Makah Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Skagit River (inc. M.A. 8)															
Sauk-Suiattle Tribe	0	0	6	0	0	0		0	0	0	0	0	0	6	0
Skagit System Coop	4	1	0	0	0	0		0	0	0	0	0	0	5	0
Swinomish Tribe	0	0	0	2	20	9		0	8	1	0	0	0	31	9
Upper Skagit Tribe	0	0	1	0	3	2		0	47	69	105	46	0	6	267
*Snohomish River System Areas 8A, 8D															
Tulalip Tribe	0	0	0	1	1	7		11	75	65	31	0	0	9	182
Swinomish Tribe	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Sooes River															
Makah Tribe	0	0	0	0	0	15		766	1511	659	15	0	0	15	2951
*Waatch River															
Makah Tribe	0	0	0	0	0	6		15	31	0	4	0	0	6	50



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
Other Marine Areas															
*Marine Area 4															
Makah Tribe	0	0	1	0	0	0		0	366	176	3	0	0	1	545
*Marine Area 5															
Lower ElwahTribe	0	0	0	6	0	0		0	0	0	0	0	0	6	0
Makah Tribe	0	0	25	61	0	19		90	0	0	0	0	0	105	90
Muckelshoot Tribe	0	0	0	0	0	0		1	0	0	0	0	0	0	1
*Marine Area 6															
All Tribes	0	0	0	1	2	11		0	0	0	0	0	0	14	0
*Marine Areas 7, 7A, 7B															
All Tribes	0	0	0	1	0	2		0	0	0	0	0	0	3	0
*Marine Area 9A															
All Tribes	0	0	0	0	0	0		0	0	0	0	0	0	0	0
*Marine Areas 10, 10B, 10E															
All Tribes	0	0	0	0	2	2		2	0	0	0	0	0	4	2



Monthly Steelhead Tribal Harvest - May 1998 through April 1999

Table 2

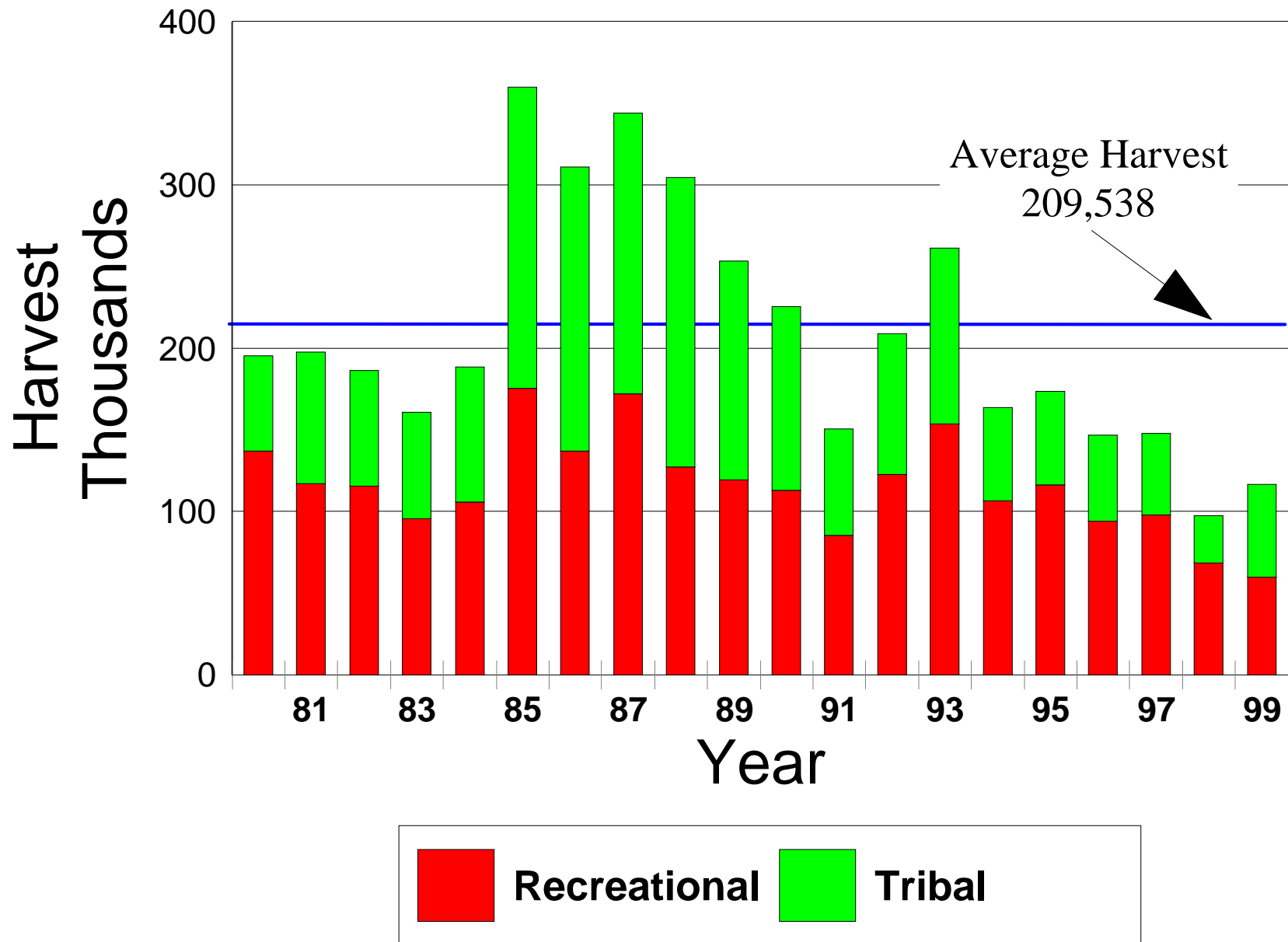
	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
*Marine Area 10F (Ship Canal)															
All Tribes	0	0	1	0	0	0		0	0	0	0	0	0	1	0
*Marine Area 12															
All Tribes	0	0	0	0	0	0		0	0	0	0	0	0	0	0



	Summer 1998							Winter 1998-99							
Fishing Area by Tribe	May	Jun	Jul	Aug	Sep	Oct		Nov	Dec	Jan	Feb	Mar	Apr	Summer Total	Winter Total
All Summer-Run															
Columbia River System 1/															
All Tribes	353	1960	1960	1279	10075	800		200	221	0	10	80	0	16427	511
Total Tribal Harvest	941	2198	2095	1442	10511	1515		3528	19144	9367	2871	2172	729	18702	37811
Boldt Case Area Only	581	238	132	155	275	635		3328	18923	9367	2861	2092	729	2016	37300
Boldt Case Area Treaty Harvest			39316					Statewide Treaty Harvest				56513			
1/	Columbia River tribal fisheries occurs in the mainstem Columbia between Bonneville and McNary Dams and certain tributaries. Washington, treaty tributary steelhead catches were reported from the Klickitat River. Steelhead caught in mainstream fisheries were bound for tributaries in Washington, Oregon and Idaho.														
*	Boldt case area streams (Western Washington only)														
The following rivers have been recorded as not having tribal harvest during the 1998-99 summer and winter steelhead seasons: Deep Creek, Dewatto River, Dosewallips River, Duckabush River, East Twin River, Hamma Hamma River, Morse Creek, Ozette River, Quilcene River, Sail River, Samish River, Skokomish River, Stillaguamish River, Tahuya River, Union River, West Twin River, Wind River.															

Statewide Steelhead Harvest

Recreational & Tribal - 1980 to 1999





1998-99 Top Ten Sport Steelhead Streams

Table 3

The following are the top ten summer and winter steelhead rivers and river systems for sport harvest during 1998-99.

1998 Summer Steelhead Harvest - Top Rivers

1. Columbia River below Bonneville Dam	4,162
2. Cowlitz River Mainstem	3,058
3. Little White Salmon River	2,958
4. Skykomish River	2,763
5. Snake River above Clarkston	2,654
6. Snake R. L. Monumental Dam to Little Goose Dam	2,075
7. Columbia R. McNary Dam to Hwy. 395 Bridge	1,477
8. Grande Ronde River	1,470
9. Snake R. L. Granite Dam to Clarkston	1,399
10. Columbia R. Hwy 395 Bridge to Priest Rapids Dam	1,124

1998 Summer Steelhead Harvest - Top River Systems

1. Snake River Mainstem System	7,664
2. Columbia River Mainstem System	7,611
3. Snohomish River System	3,916
4. Cowlitz River System	3,297
5. Little White Salmon River System	2,961
6. Lewis River System	1,148
7. Big White Salmon River System	1,123
8. Wind River System	740
9. Klickitat River System	662
10. Chehalis River System	484

1998-99 Winter Steelhead Harvest - Top Rivers

1. Cowlitz River Mainstem	2,006
2. Quillayute and Bogachiel Rivers	1,999
3. Skykomish River	1,955
4. Skagit River	1,294
5. Quinault, L. River & Cook Creek	1,135
6. Calawah River & S. Fork	1,120
7. Snoqualmie River	1,031
8. Sol Duc River	966
9. Hoh River below Hwy. 101	794
10. Green-Duwamish River	792

1998-99 Winter Steelhead Harvest - Top River Systems

1. Snohomish River System	5,370
2. Quillayute River System	4,108
3. Cowlitz River System	2,326
4. Skagit River System	1,591
5. Chehalis River System	1,406
6. Quinault River System	1,267
7. Stillaguamish River System	936
8. Hoh River System	921
9. Lewis River System	854
10. Elochoman River System	654



Winter and Summer Steelhead Smolt Stocking - 1998

A LISTING OF SMOLT RELEASES BETWEEN MARCH 1 AND JUNE 15, 1998 BY STATE, TRIBAL AND REGIONAL ENHANCEMENT GROUPS. (SMOLTS ARE DEFINED AS HATCHERY REARED STEELHEAD AT LEAST 10 PER POUND IN SIZE.) ADULT RETURNS FROM THE INDICATED RELEASE NUMBERS ARE EXPECTED DURING THE UPCOMING 1999-2000 WINTER AND THE 2000 SUMMER SEASONS.

Name of River	1999-00 Winter	2000 Summer	Name of River	1999-00 Winter	2000 Summer
ABERNATHY CREEK	5,000	0	NORTH RIVER	10,000	—
BOGACHIEL RIVER	75,800	0	OKANOGAN RIVER	0	50,000
CALAWAH RIVER	75,000	34,000	PILCHUCK CREEK	10,000	0
CANYON CREEK	10,200	—	PILCHUCK RIVER	20,700	0
CARBON RIVER	189,100	0	PUYALLUP RIVER	14,800	0
CASCADE RIVER	131,300	0	PYSHT RIVER	10,000	0
CHEHALIS R., LOWER	15,200	11,500	QUINULT RIVER	290,900	0
CHEWUCH RIVER	0	125,300	RAGING RIVER	14,100	0
CLALLAM RIVER	5,000	0	ROCK CREEK (Skamania Co.)	12,000	0
COLUMBIA R. (Ringold)	0	202,500	SALMON CREEK (Clark Co.)	30,900	0
COLUMBIA R. (Turtle Rock)	0	2,500	SALMON RIVER (Jefferson Co.)	78,400	0
COLUMBIA RIVER (Wells)	0	64,700	SAMISH RIVER	47,900	0
COWEEMAN RIVER	20,000	0	SATSOP RIVER, E. FORK	37,000	0
COWLITZ RIVER	773,900	481,200	SAUK RIVER	30,800	—
DESCHUTES RIVER	29,400	0	SEKIU RIVER	10,400	—
DOSEWALLIPS RIVER	12,500	0	SIMILKAMEEN RIVER	0	49,900
DRANO LAKE	—	51,400	SKAGIT RIVER	400,600	21,000
DUCKABUSH RIVER	10,000	—	SKOKOMISH RIVER	53,500	0
DUNGENESS RIVER	9,000	—	SKOOKUMCHUCK RIVER	26,100	0
ELK RIVER	5,000	0	SKYKOMISH RIVER	132,600	175,000
ELOCHOMAN RIVER	86,700	24,300	SKYKOMISH RIVER, N. FORK	42,500	33,300
ELWHA RIVER	61,300	10,000	SMITH CREEK	10,000	—
ENTIAT RIVER	0	42,200	SNAKE RIVER (LOWER)	0	93,800
GERMANY CREEK	5,300	0	SNOQUALMIE RIVER	184,400	41,600
GOBAR CREEK	58,000	60,000	SOL DUC RIVER	100,500	16,100
GOODMAN CREEK	20,000	0	SOOES RIVER.	164,600	0
GRANDE RONDE RIVER	0	252,200	STILLAGUAMISH R	8,000	31,300
GRAYS RIVER, WF	42,700	0	STILLAGUAMISH R., N. FORK	132,500	43,400
GREEN RIVER (Cowlitz Co.)	0	26,200	STILLAGUAMISH R., S. FORK	2,000	—

GREEN RIVER (King Co.)	220,100	86,300	SULTAN RIVER	43,600	15,400
HOH RIVER	94,100	Ö	TOLT RIVER	30,900	Ö
HOKO RIVER	21,100	Ö	TOUCHET RIVER	Ö	125,100
HOQUIAM RIVER, EF & MS	12,400	Ö	TOUTLE RIVER, S. FORK	Ö	30,900
HUMPTULIPS R. (Stevens Ck.)	162,200	31,400	TOUTLE RIVER, N. FORK	Ö	24,500
JOHNS RIVER	15,700	Ö	TUCANNON RIVER	Ö	160,100
KALAMA RIVER	45,200	89,400	TWISP RIVER	Ö	126,000
KLICKITAT RIVER	Ö	124,900	WAATCH RIVER	25,200	Ö
LEWIS RIVER	—	—	WALLA WALLA RIVER	Ö	165,900
LEWIS RIVER, EAST FORK	100,900	26,000	WALLACE RIVER	5,200	Ö
LEWIS RIVER, NORTH FORK	104,000	201,000	WASHOUGAL RIVER	49,400	52,700
LYRE RIVER	25,100	10,000	WASHOUGAL R., N. FORK	52,200	72,300
METHOW RIVER	Ö	127,000	WENATCHEE RIVER	Ö	384,700
MILL CREEK (Walla Walla Co.)	Ö	9,200	WHATCOM CREEK	20,000	Ö
MORSE CREEK	5,000	Ö	WHITE (Stuck) RIVER	19,600	Ö
NASELLE RIVER	38,200	Ö	WHITE SALMON RIVER, BIG	40,200	13,800
NEWAUKUM RIVER	1,000	Ö	WILLAPA RIVER	28,300	Ö
NOOKSACK RIVER, MIDDLE F.	63,900	Ö	WILLAPA RIVER, S. FORK	10,000	Ö
NORTH NEMAH RIVER	11,300	Ö	WISHKAH RIVER	35,900	Ö
			WYNOOCHEE RIVER	169,100	39,600